

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				ATTY DOCKET NO. 0171-0988P		APPLICATION NO. NEW	
				APPLICANT SHIONO, Mikio et al.			
				FILING DATE July 9, 2003		GROUP	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
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FOREIGN PATENT DOCUMENTS									
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	JP	2525433	B2	1996-05-31	JAPAN			ABS	
	JP	2001-153746	A	2001-06-08	JAPAN			ABS	
	JP	2001-99737	A	2001-04-13	JAPAN			ABS	
	JP	2001-304999	A	2001-10-31	JAPAN			ABS	
	JP	2001-311673	A	2001-11-09	JAPAN			ABS	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	

EXAMINER 	DATE CONSIDERED 2/20/04
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